

## Description

This pre-filter range is equipped with our CFT 18 mm tube to yield ultra high pre-filter efficiency in extreme dust conditions due to the axial inlet and outlet flow that minimizes pressure gradient. These pre-filters maintain high efficiency even in variable flow conditions due to the exceptional high turn down ratio of these tubes.

These pre-filters are manufactured from Aluminum sheet metal that is powder coated inside and out to ensure longevity and ability to meet and exceed the demands associated with tough mining conditions.

The interface of these pre-filters are designed to require no fabrication during installation. Daily maintenance is not required, unless dust bowl reaches its "Full" level.

## Scavenge

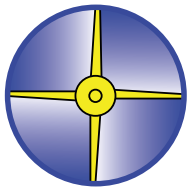
Passive scavenge by means of serviceable dustbowl

## Benefits

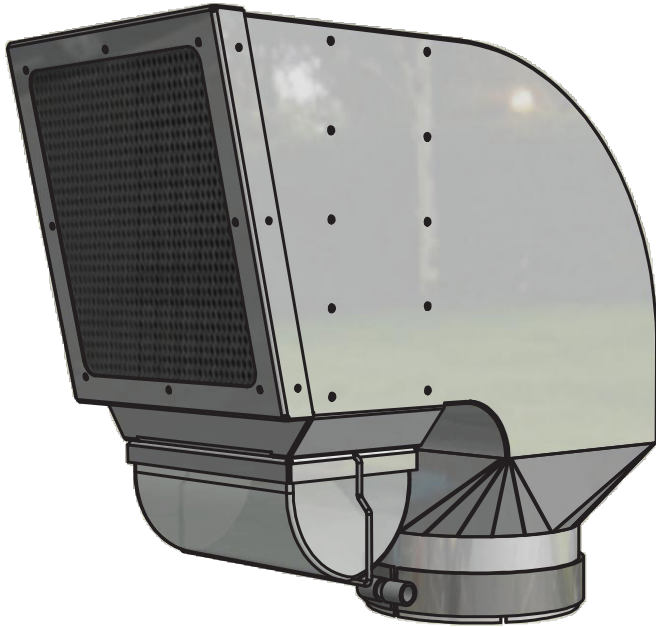
- Vastly extends media filter life, which enables extended service intervals.
- Reduce labour costs.
- Reduce cost of ownership of equipment.
- Reduce possible engine failures due to possible incorrect fitment of media filters.
- Could reduce silica contaminants in oil, if filtration management is kept at a high level.
- No moving parts in pre-filter unit
- Ideally suited for fitment on secondary equipment, like Graders, Loaders, ADT's etc.

### PRODUCT SPECIFICATIONS

Product Code:	Dimensions:	Flow Range:	Restriction:	Weight:
CFT-LD-RAM-500	393 x 221 x 400mm	10 - 30 m <sup>3</sup> /min	0.35 - 1 kPa	2.5kg
CFT-LD-RAM-350	393 x 221 x 400mm	7 - 21 m <sup>3</sup> /min	0.35 - 1 kPa	2.5kg
CFT-LD-RAM-150	265 x 175 x 309mm	3 - 9 m <sup>3</sup> /min	0.35 - 1 kPa	1.4kg



## DRAWING



## CFT 18 Vortex Tube Performance Curve 10% Scavenging

